

### NOTES:

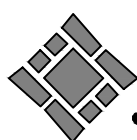
1. THE PRESSURE VACUUM BREAKER (PVB) CANNOT BE INSTALLED WHERE IT WILL BE SUBJECTED TO BACKPRESSURE. PVB SHOULD NOT BE USED AGAINST CONTAMINANTS. ONLY RPZ'S OR AIR GAPS.
2. EACH PVB SHALL BE INSTALLED IN ACCESSIBLE LOCATION TO FACILITATE INSPECTION AND SERVICING.
3. EACH PVB SHALL BE INSTALLED ON THE LINE TO THE IRRIGATION SYSTEM AND AT LEAST 12 INCHES ABOVE THE HIGHEST SPRINKLER HEAD OR OUTLET. (VALVES MAY BE LOCATED DOWNSTREAM FROM THE DEVICE).
4. FOR FINAL APPROVAL, ASSEMBLY MUST BE CENTERED IN ENCLOSURE (IF APPLICABLE). UNDER NO CONDITION WILL ANY CONNECTION BE ALLOWED BETWEEN THE SERVICE METER AND A BACKFLOW PREVENTER USED FOR THE SYSTEM CONTAINMENT. BACKFLOW PREVENTER SHALL ALWAYS BE INSTALLED DOWNSTREAM OF METER.
5. IF A PRESSURE MONITOR IS TO BE INSTALLED, ADD A TEE, VALVE, FITTINGS, AND MOUNT ON SUPPLY SIDE PRIOR TO BACKFLOW PREVENTER. UNDER NO CIRCUMSTANCE SHALL TEST PORTS BE MODIFIED OR UTILIZED FOR ANY USE OTHER THAN BACKFLOW DEVICE TESTING.
6. ALL BACKFLOWS SHALL BE ENCLOSED

MATERIALS		
ITEM	QUAN	DESCRIPTION
1	2	BALL VALVE
2	3	BRASS OR COPPER ELBOWS
3		BRASS OR COPPER PIPE CUT TO LENGTH
4	4	CLOSE BRASS NIPPLES
5	1	BRASS UNION
6	1	PRESSURE VACUUM BREAKER
7	2	BRASS PLUGS INSERTED IN TEST COCKS
8	1	WATER METER
9	1	METER BOX
10		GRAVEL
11		BRASS OR COPPER PIPE CUT TO LENGTH
12	1	PREFAB. ENCLOSURE BY HOT BOX OR EQUAL
13	1	DRAIN PORTS SIZE ACCORDING TO PIPE SIZE

## TYPICAL OUTSIDE INSTALLATION PRESSURE VACUUM BREAKER BACKFLOW PREVENTION DEVICE (3/4", 1", 1 1/2", & 2" SIZES)

### PRESSURE VACUUM BREAKER BACKFLOW PREVENTER

STANDARD  
CONSTRUCTION  
DETAILS



CITY OF  
*savannah*

WATER RESOURCES AND PUBLIC WORKS BUREAU  
Planning & Engineering

SCALE: N.T.S.

DATED: SEP 2013

PLATE NUMBER:

W17